

Kevin G. Brown, PhD. Dr. Brown is Senior Research Scientist in the Department of Civil and Environmental Engineering at Vanderbilt University. His research has been supported by the multi-university Consortium for Risk Evaluation with Stakeholder Evaluation (CRESP). Dr. Brown's current research focuses on life-cycle risk evaluation, model integration, and waste management issues related to proposed advanced nuclear fuel cycles and cementitious barriers for nuclear applications. Between 1986 and 2002 at the Savannah River Laboratory, he was recognized as a DOE Complex-wide authority in process and product control for high-level waste vitrification. Dr. Brown spent 2002-2003 at the International Institute for Applied Systems Analysis (IIASA) in Laxenburg, Austria where he estimated potential transboundary radiation doses resulting from hypothetical accidents at Russian Pacific Fleet sites. Dr. Brown led the CRESP evaluation of life-cycle risks for the DOE Idaho Site Subsurface Disposal Area (SDA) where wastes contaminated with radioactive and hazardous materials were buried in pits, trenches, and soil vaults before 1970. The Idaho results were presented to the Idaho Site Citizens Advisory Board (CAB), who strongly endorsed the clarity of the approach and the results. He holds a BE in Chemical Engineering, an MS in Environmental and Water Resources Engineering, and a Ph.D. in Environmental Engineering all from Vanderbilt University.